

United States Department of Agriculture
Animal and Plant Health Inspection Service
Plant Protection & Quarantine
4700 River Road
Riverdale, MD 20737

Permit to Move Live Plant Pests, Noxious Weeds, and Soil
Interstate Movement
Regulated by 7 CFR 330

This permit was generated electronically via the ePermits system

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|-------------------------|--|----------------------------|-------------------|
| PERMITTEE NAME: | Dr. David Cox | PERMIT NUMBER: | P526P-19-01765 |
| ORGANIZATION: | Syngenta | APPLICATION NUMBER: | P526-190327-006 |
| ADDRESS: | 14446 Huntington Road Madera, CA 93636 | FACILITY NUMBER: | N/A |
| MAILING ADDRESS: | 14446 Huntington Road Madera, CA 93636 | HAND CARRY: | Yes |
| PHONE: | 559-822-4597 | DATE ISSUED: | 04/08/2019 |
| FAX: | | EXPIRES: | 04/08/2022 |
| DESTINATION: | Fresno, Madera and Tulare Counties, CA | | |
| RELEASE: | Syngenta Crop Protection, 498 North Mariposa, Visalia, CA 93292, (Counties: Tulare, Co) | | |

Under the conditions specified, this permit authorizes the following:

| <u>Regulated Article</u> | <u>Life Stage(s)</u> | <u>Intended Use</u> | <u>Shipment Origins</u> | <u>Originally Collected</u> | <u>Culture Designation</u> |
|--------------------------|----------------------|---------------------|-----------------------------|---|--------------------------------|
| Helicoverpa zea | Any | Research - Field | Continental U.S. | Originally Collected from Within the Continental U.S. | |
| Heliopsis virescens | Any | Research - Field | Continental U.S. | Originally Collected from Within the Continental U.S. | |
| Spodoptera exigua | Any | Research - Field | Continental U.S. | Originally Collected from Within the Continental U.S. | |

PERMIT GUIDANCE

- 1) This permit does not authorize movement or release into the environment of genetically engineered organisms produced with the regulated organisms described in this permit. Importation, interstate movement, and environmental release of genetically engineered plant pests require a different permit issued under regulations at 7 CFR part 340. Any unauthorized interstate movement or environmental release, including accidental release, of a regulated GE organism would be a violation of those regulations. Additional guidance and contact information for APHIS Biotechnology Regulatory Services, can be found at: <https://www.aphis.usda.gov/aphis/ourfocus/biotechnology>.
- 2) If an animal pathogen is identified in your shipment, to ensure appropriate safeguarding, please refer to http://www.aphis.usda.gov/import_export/animals/animal_import/animal_imports_an_products.shtml

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THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING
PPQ HEADQUARTER OFFICIAL VIA EPERMITS.

Carlos A. Blanco
Carlos Blanco

DATE

04/08/2019

WARNING: Any alteration, forgery or unauthorized use of this Federal Form is subject to civil penalties of up to \$250,000 (7 U.S.C.s 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C.s 1001)

- 3) If a human pathogen is identified, please refer to the CDC Etiologic Agent Import Permit Program at <http://www.cdc.gov/od/eaipp/>
- 4) This permit does not fulfill the requirements of other federal or state regulatory authorities. Please contact the appropriate agencies, such as the U.S. Environmental Protection Agency, the U.S. Fish and Wildlife Service, the U.S. Food and Drug Administration, the Centers for Disease Control and Prevention, the APHIS Veterinary Services unit, the APHIS Biotechnology Regulatory Services, or your State's Department of Agriculture to ensure proper permitting.
- 5) If you are considering renewal of this permit, an application should be submitted at least 90 days prior to the expiration date of this permit to ensure continued coverage. Permits requiring containment facilities may take a longer period of time to process.

PERMIT CONDITIONS

USDA-APHIS authorizes Dr. David Cox, Syngenta, 14446 Huntington Road, Madera, CA, to move all life stages of *Helicoverpa zea*, *Heliothis virescens*, and *Spodoptera exigua* from the continental United States, for field research in Fresno, Madera, and Tulare Counties of California. All these conditions must be followed:

1. *Helicoverpa zea*, *Heliothis virescens*, and *Spodoptera exigua* must be shipped / carried in escape proof containers held within a secure box.
2. The permit holder or their designees are authorized to transport *Helicoverpa zea*, *Heliothis virescens*, and *Spodoptera exigua* in enclosed motor vehicles (i.e. no motorcycles or open-bed trucks). If stopped by law enforcement and requested to relinquish the organisms, then the permit holder must provide a copy of this permit and all conditions. Confiscated organisms must be safeguarded prior to return to the permit holder. Shipping/handling costs associated with the movement of confiscated packages are the responsibility of the permit holder. Shipments carried in vehicles must meet all packaging requirements. Any accidents during transport that compromise the security of shipment packaging must be immediately reported to the USDA via: pest.permits@aphis.usda.gov. Include the permit number and ATTN: CA Blanco in the subject line, and describe the efforts taken to contain the pests.
3. Receipt and research with *Helicoverpa zea*, and *Heliothis virescens* known to be, or putatively resistant to *Bacillus thuringiensis* require a separate PPQ 526 permit.

FIELD RELEASE of Bt-resistant or putatively Bt-resistant *Helicoverpa zea*, or *Heliothis virescens* IS NOT AUTHORIZED.

4. This permit authorizes the interstate movement from colonies that originated in the continental United States. Colonies that originated from foreign countries, from US territories, or Hawaii require a separate permit.
5. There is to be no further movement or distribution of *Helicoverpa zea*, *Heliothis virescens*, and *Spodoptera exigua* within the United States and its territories unless the recipient holds, or is named as a responsible party on a valid PPQ526 permit for receipt of such regulated pests.

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6. The permit holder must:

- maintain a valid PPQ526 permit so long as the regulated materials/organisms are alive or viable,
- not assign or transfer this permit to other persons without APHIS PPQ authorization,
- maintain an official permanent work assignment, residence, or affiliation at the address on this permit,
- notify the Pest Permit Staff as soon as possible of any change in the permit holder's work assignment, residence, or affiliation,
- notify the Pest Permit Staff of the receipt of unauthorized and/or misdirected shipments of regulated materials/organisms,
- adequately mitigate environmental impacts resulting from unauthorized release of regulated materials/organisms and notify the Pest Permit staff immediately if one occurs,
- notify the Pest Permit Staff if the facility is damaged/destroyed or if you wish to decommission the facility,
- destroy all regulated materials/organisms prior to departure from the organization unless other arrangements are confirmed by the Pest Permit Staff.

Notifications to the Pest Permit Staff must be made via 866-524-5421 or pest.permits@aphis.usda.gov within one business day of the event triggering a notification.

7. ● This permit is issued by the United States Department of Agriculture's Animal and Plant Health Inspection Service (APHIS). It conveys APHIS regulations and requirements for the material(s) listed on this permit. It does not reduce or eliminate your legal duty and responsibility to comply with all other applicable Federal and State regulatory requirements.
- The permit number or a copy of the permit must accompany the shipment.
 - You must be an individual at least 18 years old, or legal entity such as partnership, corporation, association, or joint venture.

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| <p>THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING PPQ HEADQUARTER OFFICIAL VIA EPERMITS.</p> <div style="text-align: center;">  Carlos Blanco </div> | <p>DATE</p> <p style="text-align: center;">04/08/2019</p> |

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- You are legally responsible for complying with all permit requirements and permit conditions.
- If you violate any applicable laws associated with this permit, you may face substantial civil or criminal penalties. We may cancel all current permits and deny future permit applications.
- Without prior notice and during reasonable hours, authorized Federal and State Regulators must be allowed to inspect the conditions associated with the regulated materials/organisms authorized under this permit.

END OF PERMIT CONDITIONS

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